

**Amendments to the claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Original) A method comprising:

receiving a first uniform resource locator (URL) including one or more parameters;

retrieving content corresponding to the first URL;

retrieving content corresponding to a plurality of URLs having different parameter combinations of the one or more parameters;

identifying a parameter combination from the plurality of URLs that corresponds to content that is approximately the same as the content corresponding to the first URL; and

generating one or more URL rewrite rules based on the identified parameter combination.

2. (Original) The method of claim 1, wherein the different parameter combinations include the first URL with no parameters, the first URL with each of the one or more parameters individually, and the first URL with combinations of the one or more parameters.

3. (Currently amended) The method of claim 1, further comprising:

performing the receiving a first URL, the retrieving content corresponding to [[the]] a first URL, the retrieving content corresponding to [[the]] a plurality of URLs,

and ~~the~~ identifying ~~[[the]]~~ a parameter combination, for multiple different first URLs,  
[[that]] each first URL ~~include~~ including the same parameters; and  
generating the one or more URL rewrite rules for the identified parameter  
combinations for each of the first URLs.

4. (Original) The method of claim 3, wherein the rewrite rules specify that  
parameters that do not occur in a threshold number of the identified parameter  
combinations are to be removed.

5. (Original) The method of claim 1, wherein each rewrite rule applies to a  
particular web site or web host.

6. (Currently amended) The method of claim 1, wherein the ~~reduced number of~~  
~~parameters~~ identified parameter combination includes a minimum number of parameters.

7. (Currently amended) A method for converting a uniform resource locator  
(URL) into a canonical form of the URL, the method comprising:  
receiving a URL that refers to content and that contains a parameter set including  
at least one parameter;  
determining a rewrite rule by receiving a plurality of URLs that include the  
parameter set and identifying parameters in the parameter set that do not contribute to  
content;

applying a ~~predetermined~~ the rewrite rule to the URL ~~that removes the at least one~~

~~parameter from the URL when the at least one parameter does not affect the content referred to by the~~ by removing the parameters that do not contribute to content from the  
URL; and

outputting the rewritten URL as the canonical form of the URL.

8. (Cancelled)

9. (Currently amended) The method of claim [[8]] 7, wherein the identifying parameters in the parameter set that do not contribute to content includes retrieving content corresponding to a sampled URL containing combinations of parameters in the parameter set and identifying a combination of parameters for which the retrieved content is approximately the same as the content corresponding to the parameter set and that contains a reduced number of parameters.

10. (Original) The method of claim 9, wherein the combinations of parameters include the sampled URL with no parameters, the sampled URL with individual parameters, and the sampled URL with combinations of the at least one parameter.

11. (Original) The method of claim 7, wherein the rewrite rule applies to a particular web site or web host.

12. (Currently amended) One or more devices comprising:  
at least one fetch bot configured to download content on a network from locations

specified by uniform resource locators (URLs);

a content manager configured to extract URLs from the downloaded content;

a rewrite component configured to

receive a URL that refers to content and that contains a parameter set

including at least one parameter,

apply a predetermined rewrite rule to the URL that removes the at least

one parameter from the URL when the at least one parameter does not affect the content

referred to by the URL, where the predetermined rewrite rule is determined by receiving

a plurality of URLs that include the parameter set and identifying parameters in the

parameter set that do not contribute to content; and

output the rewritten URL as the canonical form of the URL; and

a URL manager configured to store the canonical form of the URL.

13. (Cancelled)

14. (Currently amended) The one or more devices of claim [[13]] 12, wherein the identifying parameters in the parameter set that do not contribute to content includes retrieving content corresponding to a sampled URL containing combinations of parameters in the parameter set and identifying a combination of parameters for which the retrieved content is approximately the same as the content corresponding to the parameter set and that contains a minimum number of parameters.

15. (Original) The one or more devices of claim 14, wherein the combinations of

parameters include the sampled URL with no parameters, the sampled URL with individual parameters, and the sampled URL with combinations of the at least one parameter.

16. (Original) The one or more devices of claim 12, wherein each rewrite rule applies to a particular web site or web host.

17. (Original) A system comprising:

means for receiving a first uniform resource locator (URL) including one or more parameters;

means for retrieving content corresponding to the first URL;

means for retrieving content corresponding to a plurality of URLs having different parameter combinations of the one or more parameters;

means for identifying the parameter combination from the plurality of URLs that corresponds to content that is approximately the same as the content corresponding to the first URL and that contains a minimum number of parameters; and

means for generating one or more URL rewrite rules based on the identified parameter combination.

18. (Original) A computer-readable medium including programming instructions executed by a processor, the programming instructions comprising:

instructions for receiving a first uniform resource locator (URL) including one or more parameters;

instructions for retrieving content corresponding to the first URL;

instructions for retrieving content corresponding to a plurality of URLs having different parameter combinations of the one or more parameters;

instructions for identifying the parameter combination from the plurality of URLs that corresponds to content that is approximately the same as the content corresponding to the first URL and that contains a minimum number of parameters; and

instructions for generating one or more URL rewrite rules based on the identified parameter combination.